SONY

DSC-W170/G

Cyber-shot® Digital Still Camera

The Sony DSC-W170 features an enviable 10.1 megapixels, Carl Zeiss® 5x wide optical zoom lens, and all of the advanced shooting functions you expect from Sony. Elicit stunning detail from special moments with Face Detection technology, Smile Shutter, and Intelligent Scene Recognition.

- 10.1 MP Super HAD™ CCD
  More megapixels give you more detail and definition when you make big prints or crop in tight on your subject. The advanced Sony® Super HAD™ (Hole Accumulated Diode) CCD design allows more light to pass to each pixel, increasing sensitivity and reducing noise.
- Carl Zeiss® 5X Optical Zoom Lens
  5X optical zoom gives you the power to get even closer to the action -- a real benefit for distant landscape views and dramatic portraits.
- Wide Angle Lens
  Wide angle (28 mm-140mm[4]) lens captures more of the scene
- 2.7"[1] Clear Photo LCD Display
  A large, bright 2.7"[1] Clear Photo LCD (230K) display includes an anti-reflective coating that provides for excellent visibility to help you compose, view, and share photos with superb clarity and color reproduction, even in bright sunlight.
- Face Detection
  Face Detection technology automatically controls focus, exposure, white balance, and flash to help reveal faces in shadows, make skin tones look more natural, reduce red-eye, and eliminate harsh facial glare, so your photos bring out every expression on every face in every shot.
- Smile Shutter Mode
  Smile Shutter™ technology captures smiles the moment they happen6 - without the need to press the shutter. The mode can be set to capture when your subject laughs, smiles or even grins, and like Face Detection is able to differentiate children and adults to set priority.
- Sony Double Anti-Blur Solution
  The combination of Super SteadyShot® optical image stabilization and high ISO sensitivity helps compensate for shaky hands, minimizes blur, and allow flash-free shooting to preserve the mood.
- Super SteadyShot® Optical Image Stabilization
  Super SteadyShot® Image Stabilization compensates for shaky hands and minimizes blur with a built-in gyro sensor that detects movement and sends correcting signals to a stabilization lens -- so there's no need to crop in on your shot to reduce blur.
- High Sensitivity (ISO 3200) Mode
  With high sensitivity of ISO 3200, you can shoot effectively in low light without flash to preserve the mood, while the Sony Clear RAW™ Noise Reduction system helps suppress the color noise that can degrade low-light shots.
- Intelligent Scene Recognition Mode
  Intelligent Scene Recognition mode automatically detects 5 different types of scenes and selects the appropriate camera setting: Backlight, Backlight Portrait, Twilight, Twilight Portrait, Twilight using a Tripod. Intelligent Scene Recognition has two different modes, advanced and auto. In Advanced mode, if the camera detects the particular scene, it will take one more picture. In Auto mode takes a single shot, arbitrarily deciding on the proper setting.
- Dynamic Range Optimization
  Powered by the exclusive Sony BIONZ ™ high-speed processing engine, Dynamic Range Optimization preserves image data in bright highlights and reveals more detail in shadows or backlit areas -- for great results even in difficult lighting conditions. New DRO Plus mode enhances optimization, analyzing each region of an image and performing additional image processing.
- Convenient Photo Modes
  To adjust quickly for specific shooting situations, you can choose from several convenient photo modes, including Auto, Program Auto, and Scene Selections such as Twilight, Twilight Portrait, Fireworks, Smile Shutter, Underwater, Landscape, Soft Snap, Snow, High Sensitivity, and Beach environments.
- MPEG Movie VX Fine Mode
  Capture VGA (640 x 480) audio/video clips at a high frame rate (up to 30 frames per second[7]). The maximum length of time you can shoot continuously is about 10 minutes.
- Automatic Macro Shooting
  Standard Auto Focus now covers the macro focus range, eliminating the need to manually change focus modes for close-up photography. The Macro mode has not been eliminated, and enabling it accelerates Auto Focus when shooting at point-blank range.
- 9-Point Auto Focus
  Because an off-center subject can make your shot more interesting, a 9-point auto focus measures auto-focus at 9 precision points instead of 5 -- giving you greater creative freedom to compose your image.
- Smart Zoom® Feature[5]
  The Sony Smart Zoom® feature [5] intelligently "crops into" the central portion of interest in your photo, helping avoid the image degradation of other digital zooms.

ADDITIONAL FEATURES

- Burst Mode
- Simple Setup Controls
- Easy Shooting Mode
- Function Guide
- Optical Viewfinder
- 15 MB[2] Internal Memory
- Memory Stick Duo™ Media Convenience
- Stamina® Battery Power
- Easy Image Management

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Specifications

General

Megapixel: 10.1 MP

Imaging Device: 1/2.3" Super HAD™ CCD

Recording Media: 15MB internal Flash Memory, optional Memory Stick® DUO Media, optional Memory Stick DUO PRO™ Media

Convenience

White Balance: Automatic, Cloudy, Daylight, Fluorescent 1, Fluorescent 2, Fluorescent 3, Incandescent, Flash

Self Timer: Yes (10 seconds, 2 seconds, Off)

Memory Stick PRO™ Media Compatibility: Tested to support up to 16GB Memory Stick DUO PRO™ media capacity[1] ; does not support Access Control security function.

Still Image Mode(s): Normal, Burst, Bracket Exposure

Red-Eye Reduction: Yes (On/Off all modes)

Burst Mode: Max 100 Shots at 1.6fps (All resolutions)

Erase/Protect: Yes/Yes

Date/Time Stamp: No/ No

Media/Battery Indicator: Yes/Yes

Color Mode(s): Black & White, Natural, Sepia, Vivid

Scene Mode(s): Beach, High Sensitivity, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait, Fireworks, Smile Shutter, and Underwater.

Image Stabilization: Yes

Convenience Features

Real Imaging Processor™ Technology: BIONZ™

AF Illuminator Light: Auto / Off, (W:Approx. 2.0m , T:Approx. 1.7m)

PictBridge Compatible: Yes

Multi-Pattern Measuring: Yes

Movie Mode(s): MPEG VX Fine with Audio (640x480 at 30fps) (MPEG VX Fine requires Memory Stick DUO PRO™ media), MPEG VX Standard with Audio (640x480 at 16fps), Presentation (320 x 240 at 8fps)

Power Save Mode: Yes (after approx. 3 min. of inactivity)

In-Camera Editing: Trimming, Red Eye Correction, Soft Focus, Partial Color, Fisheye Lens, Cross Filter, Retro, Radial Blur, Unsharp Masking, and Happy Face.

Inputs and Outputs

Accessory Terminal: Multi connector

Audio/Video Output(s): Yes via Mutli-Use Connector

USB Port(s): Yes -supports USB 2.0

HD Output: Yes (1080i)

Hardware

LCD: 2.7"[1] Clear Photo LCD (230K Pixels)

Viewfinder: Optical

Lens Construction: 9 elements in 7 groups (including 1ED glass element and 3aspheric elements)

Microphone/Speaker: Yes/ Yes

Lens Type: Carl Zeiss® Vario-Tessar®

Docking Station: Yes, via optional HD cradle (CSS-HD2)

Operating Conditions

Flash Effective Range: ISO Auto: (W):Approx. 0.2 - Approx. 4.2m / (T):Approx. 0.5 - Approx. 2.7m
ISO 3200: (W): uo to Approx. 8.4m / (T):Approx. 5.3m

Flash Mode(s): Auto, Forced On, Forced Off, Slow Synch

Optics/Lens

Focal Length: 5-25mm

35mm Equivalent: 28-140mm

Focus: 9-Area Multi-Point AF, Center AF, Spot AF, Semi Manual Focus (0.5m / 1.0m / 3.0m / 7.0m / Unlimited distance)

Aperture Range: Auto(F3.3/F8.0(W), 2 steps) / Program auto(F3.3/F8.0(W), 2 steps) with ND Filter

Shutter Speed: Auto(1/4 - 1/1,600) / Program Auto(1" - 1/1,600)

Exposure Compensation: Plus / Minus 2.0EV, 1 / 3EV step

Filter Diameter: N/A

Digital Zoom: Smart Zoom / Precision Digital Zoom / Off

Optical Zoom: 5x

Macro Mode: Yes

Total Zoom: 10x

Minimum Focus Distance: W: Approx. 3 15/16(10cm) - Infinity / T: Approx. 19 11/16(50cm) - Infinity

Face Detection: Yes

Power

Battery Type: Lithium-Ion NP-BG1

Battery Capacity: 3.6V, 960 mAh

Software

Supplied Software: Windows: Picture Motion Browser Vers 3.0.02 + USB Driver

Operating System Compatibility: Microsoft® 2000 Professional, XP Home and Professional; Macintosh® OS 9.1/9.2/OS X (10.1-10.5)

Control

ISO: Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200

Dimensions

Weight: Approx. 5 oz (142g)

Measurements: W x H x D: 3 11/16 x 2 5/16 x 15/16" (93.7mm x 58.0mm x 24.0mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

NP-BG1 rechargeable battery

BC-CSG battery charger

A/V and USB multi-connector cables

Wrist strap

Software CD-ROM

Note: No Memory Stick DUO ™ Media or adaptors are included.

Color: Gold

1.Viewable area; measured diagonally.
2.Available storage capacity may vary and a portion of the memory is used for data management functions.
3.HD viewing requires a Sony HD connector cable or HD Cyber-shot Station® cradle and HDTV. All sold separately.
4.Music tracks can be up to fiveminutes long. When using Music Transfer to download music, tracks longer than five minutes will be reduced to five minutes when uploading to the Cyber-shot.
5.Smart Zoom® feature will not work at highest resolution setting.
6.Up to 6 shots while in Smile Shutter mode.
7.Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ media.
8.Special TV settings are required. Further details are available in the BRAVIA® instruction manual.

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